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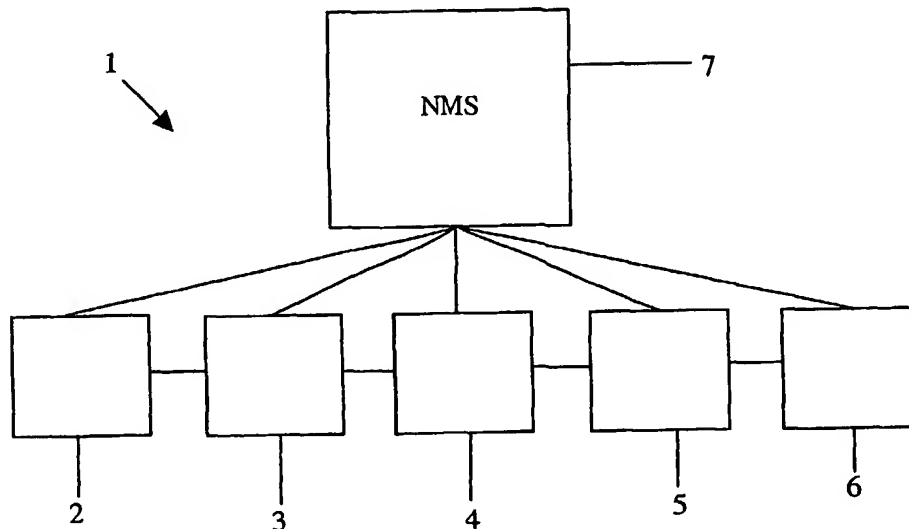
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[Continued on next page]

(54) Title: MONITORING TELECOMMUNICATION NETWORK ELEMENTS



(57) Abstract: A method of monitoring the status of one or more network elements (NEs) (2 to 6) linked together in a telecommunication network (1), comprising receiving a down status notification from a NE in the network (1), identifying one or more other NEs which are linked to the NE, polling the or each other NE to determine the status thereof. The status of a NE may be operational i.e. up, or non-operational i.e. down. A down status notification may be received from a NE if the NE determines that the status of any other NE linked thereto is down. The down status notification may contain information on the NE which has output the notification. Identifying the or each other NE may comprise accessing the down status notification to obtain information on the NE which has output the notification, and using the information to obtain the identification of the or each other NE. Polling the or each other NE may comprise sending at least one SNMP get request to the NE. The method may be carried out using a network management system (NMS) (7) of the network (1).



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04L12/24

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 261 044 A (DEV ROGER H ET AL) 9 November 1993 (1993-11-09) * Abstract * column 2, line 53 -column 6, line 25 column 7, line 25 -column 11, line 61 ---	1-43
X	US 5 991 264 A (CROSLIN WILLIAM D) 23 November 1999 (1999-11-23) * Abstract * column 1, line 65 -column 5, line 6; figure 4 column 6, line 50 -column 10, line 39 ---	1-43
X	US 6 199 172 B1 (ARSENAULT MICHAEL ET AL) 6 March 2001 (2001-03-06) column 1, line 37 -column 4, line 35; figures 2,3 column 6, line 4 -column 7, line 8 -----	1-43

☐ Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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